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(71) Applicants (for all designated States except US): **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP). **TOKYO UNIVERSITY OF SCIENCE** [JP/JP]; 1-3, Kagurazaka, Shinjuku-ku, Tokyo 1628601 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SHIBATA, Yasufumi** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP). **ANNO, Hiroaki** [JP/JP]; c/o TOKYO UNIVERSITY OF SCIENCE, 1-3, Kagurazaka, Shinjuku-ku, Tokyo 1628601 (JP). **MATSUBARA, Kakuei** [JP/JP]; c/o TOKYO UNIVERSITY OF SCIENCE, 1-3, Kagurazaka, Shinjuku-ku, Tokyo 1628601 (JP).

(74) Agents: **NAKAJIMA, Jun** et al.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 1600022 (JP).

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(54) Title: CLATHRATE COMPOUNDS, THERMOELECTRIC CONVERSION ELEMENTS, AND METHODS FOR PRODUCING THE SAME

(57) Abstract: BaAuGe, BaAuGaGe, BaPtGe, BaPdGe, BaPdGaGe, BaPdGaSi, BaPtGaSi, BaCuGaGe, and BaAgGaGe clathrate compounds, and thermoelectric conversion element comprising the clathrate compounds. Methods for producing thermoelectric conversion elements are also provided, comprising melting, heat-treating, particle-forming, and sintering processes.

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